Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

DBR No 68/14-15
DATED 30-03-2015

No **First &Final** (For Other Works) Date.....2015

Division: **BBMP, Byatarayanapura** Sub-Division: project

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional Work Code: **011-14-000036**

Schedule Docket No. Head of Account: **Est.Cost: 10.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate): **Drilling of borewells providing granite benches, senior citizen shelter and other developmental works at Defence Layout park in ward no 11, Vidyaranyapura.**

Agency: M/s. KRIDL.

Reference to Agreement No. EE(Project)Ynk Zone/WO/18/2013-14 Dated 20/02/2014

Certified that the measurements were taken by me on 05.03.15 and recorded of Pages 133178 to 133185 of measurement Book No 47/09-10 and that the work is satisfactorily executed.

Officer-in-charge of work

Contractor

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Certified that the measurements were taken by me on 5.3.15 .....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	Gross Amount	999578-00
2)	Deduct amount to be held in reserve being .....percent Rs.....		
3)	" Balance		
4)	Deduct Payment:		
a)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of	Amount	
		IT 2%	19992-00
		VAT 4%	39983-00
		FSD 7.5%	74968-00
		L.C.S 1%	9996-00
		CBF 0.1%	1000-00
b)	Payments Now made { cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	Total deduction	145939-00
		By cheque	853639-00
5)	Balance being unpaid value of work done held in reserve.		
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.		
7)	Net amount due to or from Contractor unadjustments items.		
8)	Advance to Contractor for materials brought to site (as detailed) within.		
9)	Value of Government materials supplied.		
	Total amount adjusted -		

Contractor's Signature

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Audited & Admitted for Rs. 999578
Nine lacs ninety nine thousand five hundred seventy eight only
by Cheque and Rs. 853639/-
by Adjustment 145939/-

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Accts. Supdt.
Project Division
B.B.M.P.

Exe. Engineer
Project Division
B.B.M.P.

Executive Engineer

Initials of Officer making payment

Sl. No	Items grouped under sub-Heads and Sub-Works of the Estimate	Unit
1	Carrying out geophysical survey Geophsical investigation of site for sinking borewell for supplying drinking water to the habitation either through the Hand Pump, MWS or PWSS by vertical electrical sounding by adopting Venner or Schlumbergers's method, including reconnaissance survey of geological formation Geophysicval investigation of existing Ground Water in the vicinity, Its quality, quality and acceptability of the users indicating the location of the site, recommended depth of casing pipe required to seal the tope inconsolidated formation including an extra depth 1.0mtr in consolidated formation for aquifr proposed to be tapped probable yield and other inforation required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc.	Per N
2	Sinking of borewell of 165m clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 22 m, fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicles, screw charges and cost of cosumables, etc complete including yeild testing at teh final depth with a minimum working of compressor for one hour, all as specified. with all leads lifts loading and unloading charges scaffolding with all incidental charges for successfull completion of teh work as per teh direction of the engineer incharge of	
	Up to 50 mtr depth	Mtr
	above 50 mttr upto 100 mtr	Mtr
	Above 100 Mtr upto 150 mt	Mtr
	above 150 Mtr upto 200 Mtr	Mtr
	above 200 Mtr upto 250 Mtr	Mtr
	above 250 Mtr upto 315 Mtr	Mtr
3	Providing and fixing PVC casing pipe of dia 30 cms of theickness 4 mm including loading and unloading	
4	providing of ISI mark 175mm nominal bore medium black ERW casing pipe of 5mm thick black electric continuous welded mild steel tube material conferming to IS 1387/1993 & manufactured from hot rolled steel skelp/stripes in random length of 4 to 7 mts. Both ends threaded confirming to IS 554/1985, one and fixing with a socket and teh other end with a plastic protection end (inclusive of all taxes) (As per approved rates by Superintendent Engineer, RDED Engineering Section, Bangalore vide letter No. with all leads lifts loading and unloading charges scaffolding with all incidental charges for successfull completion of teh work as per teh direction of teh engineer incharge of the work.	Mtr
5	Providing 165mm dia MS Collar (As per PRED SR P-||, I-55, approved rate)	Nos.
6	Supply and delivery at site brand new Texmo/Innoval/Lubi/Sabar/Atalanta/Calamal/water man/Radha make suitable vertical installation in 150mm dia. Borewells comprising of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3Ph., 50 Hz., 380/44 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc. complete. The pump and motor shall form an integral unit with	Mtr
7	Providing and fixing in galvanized/mild steel tubes (Heavy class as per IS 1239 part-1990) 50mm dia nominal bore with all fittings including cost of all material labour charges, HOM of equipment and testing complete as per specification (as per approved rates by Superintendent Engineer, RDED Engineering section, Bangalore) with all leads lifts loading and unloading charges	Mtrs
8	Supply ofHeavy Duty galvanized/mild steel color suitale for 32 mm dia nominal bore galvanized/mild steel tube. (BWSSB approved rates)	No
9	Supply of Galvanized/mild steel union suitable for 32mm dia nominal bore galvanized/mild steel tube (BWSSB approved rates)	No

Previous		Present			Total Upto Date		Remarks
Qty	Amount	Qty	Rate	AMT	Qty	Amt	
		1	1600.00	1600.00	1	1600.00	
		50	265.00	13250.00	50	13250.00	
		50	345.00	17250.00	50	17250.00	
		50	380.00	19000.00	50	19000.00	
		50	440.00	22000.00	50	22000.00	
		50	480.00	24000.00	50	24000.00	
		65	540.00	35100.00	65	35100.00	
		25	1050.00	26250.00	25	26250.00	
		42	1325.00	55650.00	42	55650.00	
		6	150.00	900.00	6	900.00	
		1	39300.00	39300.00	1	39300.00	
		302	402.75	121630.50	302	121630.50	
		42	80.00	3360.00	42	3360.00	
		1	372.00	372.00	1	372.00	

Sl. No	Items grouped under sub-Heads and Sub-Works of the Estimate	Unit
10	Supply of Galvanized/mild steel elbow suitable for 32mm dia nominal bore galvanized/mild steel tube (BWSSB approved rates)	Mtr
11	Supply of Non return valve suitable for 50mm nominal bore galvanized/mild steel tube (BWSSB approved rate)	Mtr
12	Erection of pumpset including aligning and balancing with all necessary erection material and labour including supply and erection of two pair of supporting clamps borewell cap, cable and water tight gland cable protectors, bolts, nuts, etc., involved in the job.	Mtr
13	Supplying and fully automatic star-delta unit push button type with suitable wires, 3 contractors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired after to the existing wooden board for motorwith all leads lifts loading and unloading charges scaffolding with all incidental charges for successfull completion of the work as per the	Mtr
14	Supplying and fixing using necessary wires over an existing panel board a single phase preventor suitable for motor upto 20HP capacity.with all leads lifts loading and unloading charges scaffolding with all incidental charges for successfull completion of the work as per the direction of the engineer incharge of the work.	Mtr
15	Supplying shunt capacitors conforming to IS 2834,3 phase 400/440 volts grade for power factor improvement of rotating machinery. Capacitor in KVAR rating,	Mtr
16	Fabricating supplying and mounting 1200X900X350mm MS box made out 18 SWG suitable for floor/wall mounting, fully weather proof with double slanted top as per drawing with provision for better heat dissipation provided with hinged front cover with clear opening of 100X100mm, protected by glass cover clamped to the door on EB meter side to facilitate meter reading, equipped with tamper proof locking	Mtr
17	Supplying and fixing miniature circuit breakers/Isolators on existing MCB distribution boards using necssary fixing materials and wiring complete as required with all leads lifts loading and unloading charges scaffolding with all incidental charges for successfull completion of the work as per the direction of the engineer incharge of the work.	Mtr
18	Supplying and fixing angle iron frame work fabricated out of MS angle iron and Ms flat with bolts, nuts, washers etc., and painted with 2 coats of red oxide and other two coats of approved paint. (P-32, I-9(a). a) Angle iron 40x40x6mm	Mtr
19	Grouting angle iron	Mtr
20	Supplying and fixing regular MCB distribution boards on wall/wood board/flush imounting using required clamps, bolts, nuts etc with provision for fixing suitable type capactiy MCB's single phase /3 phase/single door with power coated painting etc complete (P-33, I-13 Single phase & N (a)) 4 way Havells	Mtr
21	Supplying and replacing copper workshop flexible card or plastic TC wire (As per approved rates Superintendent Engineer, RDED Engineering Section, Bangalore vide letter No.2.5sqmm flat 3 core copper wire.	Mtr

Previous		Present			Total Upto Date		Remarks
Qty	Amount	Qty	Rate	AMT	Qty	Amt	
		2	190.00	380.00	2	380.00	
		1	800.00	800.00	1	800.00	
		1	1710.00	1710.00	1	1710.00	
		1	5330.00	5330.00	1	5330.00	
		1	735.00	735.00	1	735.00	
		1	504.00	504.00	1	504.00	
		1	10136.00	10136.00	1	10136.00	
		1	975.00	975.00	1	975.00	
		1	240.00	240.00	1	240.00	
		2	140.00	280.00	2	280.00	
		1	560.00	560.00	1	560.00	
		295 300	145.00	42775 43500.00	295 300	42775 43500.00	

Sl. No	Items grouped under sub-Heads and Sub-Works of the Estimate	Unit
22	Supplying and replacing one of the fuse cutouts having porcelain base of approved quality on the existing wooden blockand wired complete (p-44, I-38,© 63 amps	Mtr
23	Supplying, fixing, wiring, earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.5mtr long buried in a pit. The pit should be filled with equal proproion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per IISI specification 7.3.3 of IS 732 using 120mm dia bolt, nuts, washers and chechnus etc., the pipe shall have 16 through of	Mtr
24	Supplying and LTUG Cable having aluminium conductor PVC insulated sheathed, galvanized, steel wire/steel tape amoured cable with PVC outsheathing 1.1KV class (conforming to IS 1554) (p-58, I-99(d), 4 core 16sqmm PVC cable	Mtr
25	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete (p-59, I-11, (b,d,e) in Soil (hard)	Mtr
26	Supplying and fixing of class A GI pipe on pole /wall/ drain crossing with necessary clamping arrangements for UG cable of 1.1KV class (P-59, I-13(a)40mm upto 16sqmm	Mtr
27	Electric Deposit	Mtr
28	Manufacturing, Providing and Fixing a Gazeboo (of Sixe 22 feet Dia-Approximate made of MS Round pipes of 6 inches diameter of 12 SWG for pillars 10 feet in height , oin which 8 ft will be above the ground level and 2 feet embedded in cement concerete and provided with MS plate on top of the pillars. MS I section 100X50mm of heavyguage (for rafters) in placed between the poles on top of the flush plate. Also MS angular tubes of 100X40mm are to be mounted vertically on all 8 pillars. MS angular tubes of 40X20 mm reepers are welded horizontally in between the rectangel tubes for a distance of 1 feet approximately so as to get the desired octogana shape, for fixing approved quality corrugated mangalore tiles on the roof (2 lasyer as per design) Flat design tiles and pointed with cement mortar. The Gazebo is to be fixed on a suitable platform, thecentral height being 15 to 16 feet and including allround bed concrete 1:4:8 and sizer stone masonry foundation as per the approved design, drawing, specification. The MS pipes are to be fixed with CC 1:1.5L:3and the flooring is constructed with classic Eeureocon tiles placed on cement concrete 1:4:8and tampered with fine red earth with cement slurry The work includes earth work	Nos
29	Providing and fixing polished gray granite slab benches of size 5' width of seating slab with bottom slab of 75mm thick with 1.50 feet with back rest slab of 50mm thick with 1.50 feet depth side and slab of 100 mm thick 2.5 feet height including bullnozing of all edges including fixing in ratio of 1:2:4 including loading and unloading with all lead and lift etc., complete and executing the works as per directions engineer inchage	Nos
30	Providing and fixing dust bins as per designs drawing specification and direction of Engineer in charge of works	Nos
	Total	
31	10% of the KRIDL Charges	
	Grand Total	

Previous		Present			Total Upto Date		Remarks
Qty	Amount	Qty	Rate	AMT	Qty	Amt	
		3	132.50	397.50	3	397.50	
		1	1950.00	1950.00	1	1950.00	
		30	150.00	4500.00	30	4500.00	
		20	50.00	1000.00	20	1000.00	
		3	370.00	1110.00	3	1110.00	
		1	10000.00	10000.00	1	10000.00	
		1	388112.00	388112.00	1	388112.00	
		5	10550.00	52750.00	5	52750.00	
		1	4800	4800.00	1	4800.00	
				908707			908707
				9,08,000=00		9,08,000=00	
				90800=00	90871	90800=00	90871
				9,98,800=00		9,98,800=00	
				999578		999578	